

## WEST Search History

DATE: Thursday, February 02, 2006

**Hide? Set Name Query**

**Hit Count**

*DB=PGPB,USPT; PLUR=YES; OP=OR*

<input type="checkbox"/>	L5	L4 and (polynucleot\$4 or nucle\$4).clm.	6
<input type="checkbox"/>	L4	L3 and (cell\$4 or host\$4).clm.	6
<input type="checkbox"/>	L3	L2 and (chimeri\$4 or corn\$4 or plant\$4 or soybea\$4 or eukaryo\$4).clm.	8
<input type="checkbox"/>	L2	L1 and (isoflavon\$4 same synthas\$4)	11
<input type="checkbox"/>	L1	(fader or jung or odell or yu or mcgonigle?).in.	33418

END OF SEARCH HISTORY

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L5: Entry 6 of 6

File: USPT

Apr 25, 2000

US-PAT-NO: 6054636

DOCUMENT-IDENTIFIER: US 6054636 A

TITLE: Isoflavone biosynthetic enzymes

DATE-ISSUED: April 25, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Fader</u> ; Gary Michael	Landenberg	PA		

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.6, 800/286,  
800/298

## CLAIMS:

What is claimed is:

1. An isolated nucleic acid fragment comprising a member selected from the group comprising of:

(a) an isolated nucleic acid fragment encoding the chalcone isomerase polypeptide set forth in SEQ ID NO:2;

(b) an isolated nucleic acid fragment that is at least 95% identical to an isolated nucleic acid fragment encoding the chalcone isomerase polypeptide set forth in SEQ ID NO:2; and

(c) an isolated nucleic acid fragment that is complementary to (a) or (b).

2. The isolated nucleic acid fragment of claim 1 wherein the nucleotide sequence of the fragment is set forth in SEQ ID NO:1.

3. A chimeric gene comprising the nucleic acid fragment of claim 1 operably linked to suitable regulatory sequences.

4. A transformed host cell comprising the chimeric gene of claim 3.

5. A method of altering the level of expression of a plant isoflavone biosynthetic enzyme in a host cell comprising:

(a) transforming a host cell with the chimeric gene of claim 3; and

(b) growing the transformed host cell produced in step (a) under conditions that are suitable for expression of the chimeric gene

wherein expression of the chimeric gene results in production of altered levels of a plant isoflavone biosynthetic enzyme in the transformed host cell.

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Search Results - Record(s) 1 through 6 of 6 returned.

1. Document ID: US 20030167507 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 6

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167507

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030167507 A1

TITLE: Root-specific, stimulant inducible promoter and its use

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Odell, Joan T.</u>	Unionville	PA	US
<u>Yu, Xiaodan</u>	St. Louis	MO	US
<u>Lu, Guihua</u>	Urbandale	IA	US
<u>Hu, Xu</u>	Urbandale	IA	US

US-CL-CURRENT: 800/278; 536/23.2, 800/312, 800/320, 800/320.1, 800/320.2, 800/320.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

2. Document ID: US 20020023281 A1

L5: Entry 2 of 6

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023281

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020023281 A1

TITLE: Expressed sequences of *arabidopsis thaliana*

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Gorlach, Jorn</u>	Durham	NC	US
<u>An, Yong-Qiang</u>	San Diego	CA	US
<u>Hamilton, Carol M.</u>	Apex	NC	US

Price, Jennifer L.	Raleigh	NC	US
Raines, Tracy M.	Durham	NC	US
<u>Yu, Yang</u>	Martinsville	NJ	US
Rameaka, Joshua G.	Durham	NC	US
Page, Amy	Durham	NC	US
Mathew, Abraham V.	Cary	NC	US
Ledford, Brooke L.	Holly Springs	NC	US
Woessner, Jeffrey P.	Hillsborough	NC	US
Haas, William David	Durham	NC	US
Garcia, Carlos A.	Carrboro	NC	US
Kricker, Maja	Pittsboro	NC	US
Slater, Ted	Apex	NC	US
Davis, Keith R.	Durham	NC	US
Allen, Keith	Cary	NC	US
Hoffman, Neil	Chapel Hill	NC	US
Hurban, Patrick	Raleigh	NC	US

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

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3. Document ID: US 20020023280 A1

L5: Entry 3 of 6

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023280

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020023280 A1

TITLE: Expressed sequences of *arabidopsis thaliana*

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gorlach, Jorn	Durham	NC	US
An, Yong-Qiang	San Diego	CA	US
Hamilton, Carol M.	Apex	NC	US
Price, Jennifer L.	Raleigh	NC	US
Raines, Tracy M.	Durham	NC	US
<u>Yu, Yang</u>	Martinsville	NJ	US
Rameaka, Joshua G.	Durham	NC	US
Page, Amy	Durham	NC	US
Mathew, Abraham V.	Cary	NC	US
Ledford, Brooke L.	Holly Springs	NC	US
Woessner, Jeffrey P.	Hillsborough	NC	US
Haas, William David	Durham	NC	US
Garcia, Carlos A.	Carrboro	NC	US

Kricker, Maja	Pittsboro	NC	US
Slater, Ted	Apex	NC	US
Davis, Keith R.	Durham	NC	US
Allen, Keith	Cary	NC	US
Hoffman, Neil	Chapel Hill	NC	US
Hurban, Patrick	Raleigh	NC	US

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

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4. Document ID: US 6617493 B1

L5: Entry 4 of 6

File: USPT

Sep 9, 2003

US-PAT-NO: 6617493

DOCUMENT-IDENTIFIER: US 6617493 B1

TITLE: Nucleotide sequence encoding soybean vestitone reductase

DATE-ISSUED: September 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Fader, Gary Michael</u>	Landenberg	PA		

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/468, 435/471, 435/69.1, 536/23.6,  
800/298

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5. Document ID: US 6521433 B1

L5: Entry 5 of 6

File: USPT

Feb 18, 2003

US-PAT-NO: 6521433

DOCUMENT-IDENTIFIER: US 6521433 B1

\*\* See image for Certificate of Correction \*\*

TITLE: cDNA sequences from plants that encode activities associated with isoflavone biosynthesis

DATE-ISSUED: February 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Fader, Gary Michael</u>	Landenberg	PA		

US-CL-CURRENT: 435/189; 435/252.5, 435/254.11, 435/254.2, 435/320.1, 435/410,  
536/23.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D.](#)

6. Document ID: US 6054636 A

L5: Entry 6 of 6

File: USPT

Apr 25, 2000

US-PAT-NO: 6054636

DOCUMENT-IDENTIFIER: US 6054636 A

TITLE: Isoflavone biosynthetic enzymes

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Fader, Gary Michael</u>	Landenberg	PA		

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.6, 800/286,  
800/298

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Terms	Documents
L4 and (polynucleot\$4 or nucle\$4).clm.	6

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